

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| L1    | 11904 | 370/252,230,249,395.42,412.ccls.  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/09<br>19:34 |
| L2    | 647   | I1 and ((packet or frame or datagram)<br>near (loss or lost)) and priority and<br>(schedul\$3 or queuing) and (queue or<br>buffer)        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/09<br>19:36 |
| L3    | 12    | I1 and (((packet or frame or datagram)<br>near (loss or lost)) and priority and<br>(schedul\$3 or queuing) and (queue or<br>buffer)).clm. | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/09<br>19:37 |
| S1    | 2     | "20060039404"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/01<br>13:32 |
| S2    | 59    | lossless with tcp   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/01<br>13:37 |
| S3    | 15    | S2 and lossy  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/01<br>13:37 |
| S4    | 58    | lossless with queu\$3   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/01<br>13:39 |
| S5    | 28    | S4 and tcp  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/01<br>13:39 |

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| S6  | 10719 | seperat\$3 or partition\$3 with que\$3 same<br>(tcp and (rtp or udp))   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:41 |
| S7  | 10718 | seperat\$3 or partition\$3 with que\$3 with<br>(tcp and (rtp or udp))   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:42 |
| S8  | 5     | schedul\$4 with que\$3 with (tcp and (rtp<br>or udp))   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:42 |
| S9  | 2     | "10572218"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:44 |
| S10 | 1     | (US-20070008884-\$).did.  | US_PGPUB  | OR | ON | 2009/09/01<br>13:45 |
| S11 | 1     | (US-20070008884-\$).did. and tcp  | US_PGPUB  | OR | ON | 2009/09/01<br>13:45 |
| S12 | 14    | schedul\$4 same que\$3 with (tcp and (rtp<br>or udp))   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:48 |
| S13 | 29    | schedul\$4 and que\$3 and (tcp near<br>(queue or class)) and ((rtp or udp) near<br>(queue or class))  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:52 |
| S14 | 32    | schedul\$4 and que\$3 and priority and (tcp<br>near (queue or class or group\$3)) and<br>((rtp or udp) near (queue or class or group<br>\$3)) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>13:56 |
| S15 | 59    | priority and (tcp near3 (queue or class))<br>and ((rtp or udp) near3 (queue or class))  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>14:01 |
| S17 | 36    | S15 not S14 not S13   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>14:02 |

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| S18 | 81  | (tcp near3 (queue or class)) and ((rtp or udp) near3 (queue or class)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>14:28 |
| S19 | 22  | S18 not S15  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>14:28 |
| S20 | 148 | (differentiated near service) with tcp                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:27 |
| S21 | 83  | (differentiated near service) with tcp with udp                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:27 |
| S23 | 53  | S21 and queue and priorit\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:27 |
| S24 | 28  | queue with udp with priority   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:32 |
| S25 | 26  | S24 and tcp  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:32 |
| S26 | 113 | (highes\$1 with priority) same udp same tcp                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:42 |
| S27 | 49  | (highes\$1 with priority) with udp same tcp                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:42 |
| S28 | 47  | S27 not S24  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:42 |

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| S29 | 50 | (highes\$1 with priority) with (udp or rtp) same tcp                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:44 |
| S30 | 13 | (highes\$1 with ((quality near service) or QOS)) with (udp or rtp) same tcp       | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>18:51 |
| S31 | 21 | (highes\$1 with ((quality near service) or QOS)) with (udp or rtp) and tcp        | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:07 |
| S32 | 8  | S31 not S30   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:08 |
| S33 | 0  | seperat\$3 with queue with tcp with udp   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:21 |
| S34 | 6  | separat\$3 with queue with tcp with udp   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:21 |
| S35 | 0  | separat\$3 with queue with tcp with rtp   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:24 |
| S36 | 4  | ((separat\$3 or divid\$3 or schedul\$3) with queue) and (queue with tcp with rtp) | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:26 |
| S37 | 77 | ((separat\$3 or divid\$3 or schedul\$3) with queue) and (queue with tcp with udp) | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:26 |
| S38 | 77 | S37 not S28   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:27 |

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| S39 | 62  | S37 and priority   | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>20:27 |
| S40 | 75  | (real\$1time or (real near time)) and (udp with threshold)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:04 |
| S41 | 308 | (real\$1time or (real near time)) and udp and ((ratio or rate) with exceed\$3 with threshold)  | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:06 |
| S42 | 4   | (real\$1time or (real near time)) and (udp with queue) and ((ratio or rate) with exceed\$3 with threshold)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:07 |
| S43 | 20  | (real\$1time or (real near time)) and (udp same queue) and ((ratio or rate) with exceed\$3 with threshold)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:07 |
| S44 | 176 | ((terminat\$3 or off or stop) with (queue\$3 or connection or path)) and ((ratio or rate or calculat\$5) with exceed\$3 with threshold) and udp and (user or client or subscriber)                               | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:22 |
| S45 | 59  | ((terminat\$3 or off or stop) with (queue\$3 or connection or path)) and ((ratio or rate or calculat\$5) with exceed\$3 with threshold) and udp and (user or client or subscriber) and queue                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:25 |
| S46 | 32  | ((terminat\$3 or off or stop) with (queue\$3 or connection or path)) and ((ratio or rate or calculat\$5) with exceed\$3 with threshold) and udp and (user or client or subscriber) and queue and schedul\$4      | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:25 |
| S47 | 7   | (((terminat\$3 or off or stop) with (queue \$3 or connection or path)) same3 ((ratio or rate or calculat\$5) with exceed\$3 with threshold)) and udp and (user or client or subscriber) and queue and schedul\$4 | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:28 |
| S48 | 5   | (((terminat\$3 or off or stop) with (queue \$3 or connection or path)) same3 (number with packet with exceed\$3 with threshold)) and udp and (user or client or subscriber) and queue and schedul\$4             | US_PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:37 |

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| S49 | 11 | (((terminal\$3 or off or stop) with (queue \$3 or connection or path)) same3 (packet with exceed\$3 with threshold)) and udp and (user or client or subscriber) and queue and schedul\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:45 |
| S51 | 6  | S49 not S48   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:46 |
| S52 | 30 | (((end\$3) with (queue\$3 or connection or path)) same3 (packet with exceed\$3 with threshold)) and udp and (user or client or subscriber) and queue and schedul\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>21:50 |
| S53 | 41 | (((discard\$3) with (queue\$3 or connection or path)) same3 (packet with exceed\$3 with threshold)) and udp and (user or client or subscriber) and queue and schedul\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:12 |
| S54 | 28 | (((discard\$3) with (queue\$3 or connection or path)) same3 (packet with exceed\$3 with threshold)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path)) and queue and schedul\$4                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:13 |
| S55 | 1  | (((discard\$3) with (queue\$3 or connection or path)) same3 (packet with larg\$3 with threshold)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path)) and queue and schedul\$4                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:18 |
| S56 | 26 | (((discard\$3) with (queue\$3 or connection or path or user or client or subscriber)) with ((larg\$3 or exceed\$3) with threshold)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path)) and schedul\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:22 |
| S57 | 1  | (((discard\$3) with (queue\$3 or connection or path or user or client or subscriber)) with ((larg\$3 or exceed\$3) with limit)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path)) and schedul\$4     | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:34 |
| S58 | 3  | (((discard\$3) with (queue\$3 or connection or path)) same3 (packet with exceed\$3 with limit)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path)) and queue and schedul\$4                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:34 |
| S59 | 0  | (((terminal\$3 or off or stop) with (queue \$3 or connection or path)) same3 ((ratio or rate or calculat\$5) with exceed\$3 with limit)) and udp and (user or client or subscriber) and queue and schedul\$4                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:36 |

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| S60 | 1       | ((discard\$3 with (queue\$3 or connection or path or user or client or subscriber)) with ((larg\$3 or exceed\$3) with limit)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path)) and schedul\$4 | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:37 |
| S61 | 8       | ((discard\$3 with (queue\$3 or connection or path or user or client or subscriber)) with ((larg\$3 or exceed\$3) with limit)) and udp and ((user or client or subscriber) with (queue\$3 or connection or path))                | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>22:38 |
| S62 | 4834758 | (packet loss or loss ratio)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:17 |
| S63 | 19156   | (packet near loss or loss near ratio)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:17 |
| S64 | 335     | S63 with (exceed\$4 or greater) with threshold  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:18 |
| S65 | 18      | S64 same queue  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:18 |
| S66 | 4775849 | (packet near loss or loss near ratio or loss rate)  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:24 |
| S67 | 29987   | (packet near loss or (loss or lost) near ratio or (loss or lost) near rate)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:25 |
| S68 | 413     | S67 with (exceed\$4 or greater) with threshold  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:25 |
| S69 | 19      | S68 same queue  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:25 |

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| S70 | 1790 | \$67 with (exceed\$4 or greater than)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:35 |
| S71 | 88   | \$67 with (exceed\$4 or greater than) same queue  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:36 |
| S72 | 17   | \$67 with (exceed\$4 or greater than) same terminal\$4 and queue  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:45 |
| S73 | 0    | (packet near loss or (loss or lost) near ratio or (loss or lost) near rate) with schedul44                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:51 |
| S74 | 323  | (packet near loss or (loss or lost) near ratio or (loss or lost) near rate) with schedul\$4               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:51 |
| S75 | 42   | (packet near loss or (loss or lost) near ratio or (loss or lost) near rate) with schedul\$4 same queue    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:51 |
| S76 | 1    | "10579131"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:52 |
| S77 | 4    | "2003039213".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:52 |
| S78 | 2    | "20030039213".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:52 |
| S79 | 140  | (packet near loss or (loss or lost) near ratio or (loss or lost) near rate) same schedul\$4 same priority | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/01<br>23:57 |

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| S80 | 1790  | \$67 with (exceed\$4 or greater than)  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:03 |
| S81 | 389   | \$67 with (exceed\$4 or greater than) and schedu\$4  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:04 |
| S82 | 99    | \$67 with (exceed\$4 or greater than) and schedu\$4 same \$67  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:04 |
| S83 | 71    | \$67 with (exceed\$4 or greater than) and schedu\$4 with \$67  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:04 |
| S84 | 29987 | \$67 with (exceed\$4 or greater than) and schedu\$4 \$67   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:05 |
| S85 | 71    | \$67 with (exceed\$4 or greater than) and schedu\$4 with \$67  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:05 |
| S86 | 41    | schedu\$4 with based with \$67   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:08 |
| S88 | 50    | (total or sum or overall or aggregate) with (packet or frame) with (loss or lost or missing or dropped) with threshold with (exceed\$3 or large\$2)            | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:17 |
| S89 | 60    | (total or sum or overall or aggregate) with (packet or frame) with (loss or lost or missing or dropped) with (threshold or limit) with (exceed\$3 or large\$2) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:18 |
| S90 | 1175  | (total or sum or overall or aggregate or percentage or rate) with (loss or lost or missing or dropped) with (threshold or limit) with (exceed\$3 or large\$2)  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:29 |

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| S91  | 270  | (total or sum or overall or aggregate or percentage or rate) with (packet or frame) with (loss or lost or missing or dropped) with (threshold or limit) with (exceed\$3 or large\$2)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:30 |
| S92  | 410  | (total or sum or overall or aggregate or percentage or rate) with (packet or frame) with (loss or lost or missing or dropped) with (threshold or limit) with (exceed\$3 or large\$2 or greater or less or smaller or within) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:36 |
| S94  | 350  | S92 not S89  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:38 |
| S95  | 88   | S94 and priority and schedul\$3  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:38 |
| S96  | 580  | (total or sum or overall or aggregate or percentage or rate) with (packet or frame) with (loss or lost or missing or drop\$4) with (threshold or limit) with (exceed\$3 or large\$2 or greater or less or smaller or within) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:51 |
| S97  | 170  | S96 not S92  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:52 |
| S98  | 75   | S97 and priority and schedul\$3  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>00:52 |
| S99  | 210  | ((frame or packet) near (error near rate)) with ((loss or lost) near (packet or frame))  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>12:25 |
| S100 | 71   | ((frame or packet) near (error near rate)) with (determin\$3 or calculat\$5 or measur\$5) with ((loss or lost) near (packet or frame))   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>12:25 |
| S101 | 1530 | ((frame or packet) near3 ((loss or lost) near3 (rate or ratio or percentage or measurement)) with (determin\$3 or calculat\$5 or measur\$5)  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>12:28 |

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| S102 | 443    | ((frame or packet) near3 ((loss or lost) near3 (rate or ratio or percentage or measurement)) with (threshold or limit)\   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 12:28 |
| S103 | 252    | S101 and S102   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 12:29 |
| S104 | 539513 | (terminal\$3 or off or stop or discard\$3) with (queue\$3 or connection or path or user or client or subscriber)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 12:30 |
| S105 | 57     | S103 and S104   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 12:30 |
| S106 | 1      | (US-20020161914-\$).did.  | US_PGPUB   | OR | ON | 2009/09/02 15:29 |
| S107 | 1      | (US-20020161914-\$).did. and (violat\$5)  | US_PGPUB   | OR | ON | 2009/09/02 15:29 |
| S108 | 1      | (US-20060039280-\$).did.  | US_PGPUB   | OR | ON | 2009/09/02 15:38 |
| S109 | 926    | ((frame or packet) near3 ((loss or lost) near3 (rate or ratio or percentage or measurement)) with (qos or quality)) and ((qos or quality) with(threshold or limit)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 15:55 |
| S110 | 69     | S109 and S104   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 15:56 |
| S111 | 740780 | (terminal\$3 or off or stop or discard\$3) with (queue\$3 or connection or path or user or client or subscriber)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 18:37 |
| S112 | 201267 | S111 not S104   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 18:37 |
| S113 | 65     | S109 and S112   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/02 18:38 |

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| S115 | 9285    | ((queue\$ and (packet or frame) with (loss or lost)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:06 |
| S116 | 15      | ((queue\$ and (packet or frame) with (loss or lost))).ti.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:06 |
| S117 | 47614   | ((qos or quality) with (threshold or limit))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:26 |
| S118 | 2077348 | ((terminal\$3 or off or stop\$4 or discard\$3 or end\$3) with (queue\$3 or connection or path or user or client or subscriber))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:27 |
| S119 | 10912   | S117 and S118  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:28 |
| S120 | 178891  | ((terminal\$3 or off or stop\$4 or discard\$3 or end\$3) with (queue\$3 or connection or path or user or client or subscriber)) and ((queue\$3 or connection or path) with (user or client or subscriber)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:29 |
| S121 | 3737    | S117 and S120  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:29 |
| S122 | 2236    | S121 and priority  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:30 |
| S123 | 825     | S122 and Queue   | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:30 |
| S124 | 4038    | ((qos or (quality near service)) with (threshold or limit))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRIS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:31 |

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| S125 | 1240   | S124 and S120  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:31 |
| S126 | 401    | S125 and priority and queue  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:31 |
| S127 | 1196   | ((qos or (quality near service)) with<br>(threshold or limit) same (serv\$3 with<br>(queue\$3 or connection or path or user or<br>client or subscriber)) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:35 |
| S128 | 135    | ((qos or (quality near service)) near<br>(threshold or limit) same (serv\$3 with<br>(queue\$3 or connection or path or user or<br>client or subscriber)) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>19:35 |
| S129 | 475    | (((packet or frame) near (loss or lost))<br>near (rate or ratio or metric)).clm.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>21:48 |
| S130 | 18     | (((packet or frame) near (loss or lost))<br>near (rate or ratio or metric)) same queu<br>\$3).clm.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>21:50 |
| S131 | 76     | (((packet or frame) near (loss or lost))<br>near (rate or ratio or metric)) same<br>(threshold or limit).clm.  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:10 |
| S132 | 68     | S131 not S130  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:10 |
| S133 | 283137 | (releas\$3) with (queue\$3 or connection or<br>path or user or client or subscriber)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:29 |
| S134 | 1465   | S117 and S133  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:29 |

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| S135 | 22  | S109 and S133  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:30 |
| S136 | 155 | ((service near2 (agreement or guarantee)) with (packet near (loss or lost)))   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:49 |
| S137 | 218 | ((service near2 (agreement or guarantee)) or sla) with (packet near (loss or lost))  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:49 |
| S138 | 32  | S137 and ((service near2 (agreement or guarantee)) or sla) with (threshold or limit)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:50 |
| S139 | 74  | S137 and ((service near2 (agreement or guarantee)) or sla) with (threshold or limit or maximum or minimum)   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:52 |
| S140 | 63  | S139 and (terminal\$3 or off or stop\$4 or discard\$3 or end\$3 or release\$3) with (queue\$3 or connection or path or user or client or subscriber) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>22:53 |
| S141 | 3   | "20040156354"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>03:46 |
| S142 | 2   | "20010039582"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>13:25 |
| S143 | 1   | "20010039582" and greater with loss  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>13:26 |
| S144 | 2   | "20020161914"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>13:30 |

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| S145 | 1 | "20070116024" and hsdap | US_PGPUB;<br>USPAT; USOCR;<br>FRPS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>16:11 |
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